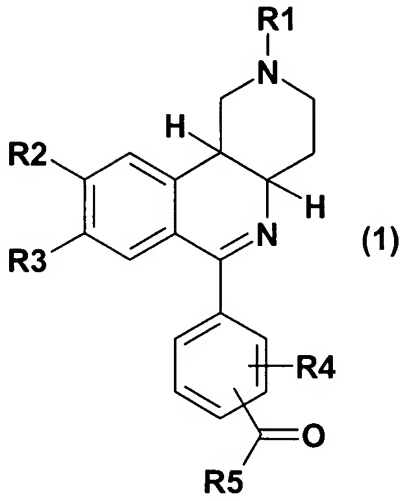
Appendix A

Claim Amendments

1. (Currently amended) ~~Compounds~~ A compound of formula 1



in which

R1 is 1-4C-alkyl,

R2 is hydroxyl, 1-4C-alkoxy, 3-7C-cycloalkoxy, 3-7C-cycloalkylmethoxy, or 1-4C-alkoxy which is completely or predominantly substituted by fluorine,

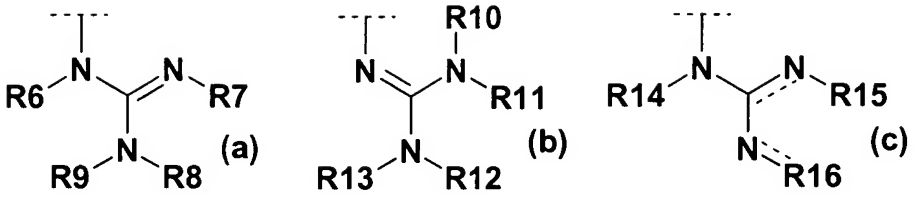
R3 is hydroxyl, 1-4C-alkoxy, 3-7C-cycloalkoxy, 3-7C-cycloalkylmethoxy, or 1-4C-alkoxy which is completely or predominantly substituted by fluorine,

or in which

R2 and R3 together are a 1-2C-alkylenedioxy group,

R4 is hydrogen, halogen, nitro, 1-4C-alkyl, trifluoromethyl or 1-4C-alkoxy,

R5 is a radical of the formulae (a), (b) or (c)



in which

if R5 is a radical of the formula (a),

either

R6, R7, R8 and R9 independently of one another are hydrogen, 1-7C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkylmethyl, cyano, hydroxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkyl or R26,

with the proviso that at least one of R6, R7, R8 and R9 is 1-4C-alkoxy-2-4C-alkyl,

or

R6 is hydrogen, 1-7C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkylmethyl, hydroxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkyl or R26,

R7 is hydrogen, 1-7C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkylmethyl, hydroxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkyl or R26, and

R8 and R9, together and including the nitrogen atom to which both are bonded, are a piperazin-1-yl radical substituted in 4-position by R17, a azocan-1-yl, azonan-1-yl, azecan-1-yl, tetrahydroisoquinolin-2-yl, tetrahydro-6,7-dimethoxyisoquinolin-2-yl, 3,5-dimethyl-pyrazol-1-yl, pyrazol-1-yl, 2,6-dimethyl-morpholin-4-yl, 2,6-dimethyl-piperidin-1-yl, 4-benzyl-piperidin-1-yl, thiomorpholin-4-yl or 1H-1,2,4-triazol-1-yl radical,

or

R6 is hydrogen, 1-7C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkylmethyl, hydroxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkyl or R26,

R7 is hydrogen, 1-7C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkylmethyl, hydroxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkyl or R26,

R8 is hydrogen, 1-7C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkylmethyl, hydroxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkyl or R26, and

R9 is cyano, Aryl1, R26, naphthyl, phenyl, phenyl substituted by R18 and/or R19, phenyl-1-4C-alkyl or phenyl-1-4C-alkyl substituted in the phenyl moiety by R20 and/or R21,

in which

if R5 is a radical of the formula (b),

either

R10 and R11 independently of one another are hydrogen, 1-7C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkylmethyl, hydroxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkyl or R26, and

R12 and R13, together and including the nitrogen atom to which both are bonded, are a piperazin-1-yl radical substituted in 4-position by R17, a azocan-1-yl, azonan-1-yl, azecan-1-yl, tetrahydroisoquinolin-2-yl, tetrahydro-6,7-dimethoxyisoquinolin-2-yl, 3,5-dimethyl-pyrazol-1-yl, pyrazol-1-yl, 2,6-dimethyl-morpholin-4-yl, 2,6-dimethyl-piperidin-1-yl, 4-benzyl-piperidin-1-yl, thiomorpholin-4-yl or 1H-1,2,4-triazol-1-yl radical,

or

R10 and R11, together and including the nitrogen atom to which both are bonded, are a 2,6-dimethyl-morpholin-

4-yl, 2,6-dimethyl-piperidin-1-yl, 4-benzyl-piperidin-1-yl or thiomorpholin-4-yl radical, and

R12 and R13, together and including the nitrogen atom to which both are bonded, are a pyrrolidin-1-yl, piperidin-1-yl, hexahydroazepin-1-yl, morpholin-4-yl, 4-(1-4C-alkyl-)-piperazin-1-yl, 2,6-dimethyl-morpholin-4-yl, 2,6-dimethyl-piperidin-1-yl, 4-benzyl-piperidin-1-yl or thiomorpholin-4-yl radical,

in which

if R5 is a radical of the formula (c),

R14 is hydrogen, 1-7C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkylmethyl, hydroxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkyl or R26, and

R15 and R16, together and with inclusion of the N-C(-)-N structure to which they are bonded are Aryl2,

Aryl1 is 4-methylthiazol-2-yl, benzimidazol-2-yl, 5-nitrobenzimidazol-2-yl, 5-chlorobenzimidazol-2-yl, 5-methylbenzimidazol-2-yl, 4-methylquinazolin-2-yl, benzothiazol-2-yl, benzoxazol-2-yl or pyrimidin-2-yl,

Aryl2 is 1-methyl-4-oxo-4,5-dihydro-1H-imidazol-2-yl, imidazol-2-yl, 4,5-dicyano-imidazol-2-yl, 4-methyl-imidazol-2-yl, 4-ethyl-benzimidazol-2-yl, 4-acetyl-imidazol-2-yl, 1H-[1,2,4]triazol-3-yl, benzimidazol-2-yl, 1-methyl-benzimidazol-2-yl, 1-ethyl-benzimidazol-2-yl, 5,6-dimethyl-benzimidazol-2-yl, purin-8-yl, 6-amino-7-methyl-7H-purine-8-yl, 1,6-dimethylimidazo[4,5-b]pyridin-2-yl, 1,5,6-trimethylimidazo[4,5-b]pyridin-2-yl, 1,3-dimethyl-3,7-dihydro-1H-purine-2,6-dione-8-yl, 7-ethyl-3-methyl-3,7-dihydro-purine-2,6-dione-8-yl, 1,3,7-trimethyl-3,7-dihydro-purine-2,6-dione-8-yl, thiadiazolyl, 1,4-dihydrotetrazol-5-yl, 2H-

[1,2,4]triazol-3-yl, 1,3-dihydrobenzimidazol-5-yl, 1H-tetrazol-5-yl, pyrimidin-2-yl or 4,6-dimethyl-pyrimidin-2-yl,

R17 is formyl, 3-7C-cycloalkyl, 3-7C-cycloalkylmethyl, 1-4C-alkoxycarbonyl-1-4C-alkyl, 1-4C-alkylcarbonyl, hydroxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkyl, hydroxy-2-4C-alkoxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkoxy-2-4C-alkyl, phenyl, phenyl substituted by R22 and/or R23, [benzo(1,3)dioxol]-5-ylmethyl, phenyl-1-4C-alkyl or phenyl-1-4C-alkyl substituted in the phenyl moiety by R24 and/or R25,

R18 is halogen, nitro, carboxyl, 1-4C-alkyl, trifluoromethyl or 1-4C-alkoxy,

R19 is halogen, 1-4C-alkyl or 1-4C-alkoxy,

R20 is halogen, nitro, carboxyl, 1-4C-alkyl, trifluoromethyl or 1-4C-alkoxy,

R21 is halogen, 1-4C-alkyl or 1-4C-alkoxy,

R22 is halogen, nitro, carboxyl, 1-4C-alkyl, 1-4C-alkylcarbonyl, trifluoromethyl or 1-4C-alkoxy,

R23 is halogen, 1-4C-alkyl or 1-4C-alkoxy,

R24 is halogen, nitro, carboxyl, 1-4C-alkyl, trifluoromethyl or 1-4C-alkoxy,

R25 is halogen, 1-4C-alkyl or 1-4C-alkoxy,

R26 is R27(R28)N-2-4C-alkyl wherein

R27 and R28, together and including the nitrogen atom to which both are bonded, are a pyrrolidin-1-yl, piperidin-1-yl, piperazin-1-yl, 4-(1-4C-alkyl-)piperazin-1-yl, azepan-1yl, azocan-1-yl, azonan-1-yl, azecan-1-yl, tetrahydroisoquinolin-2-yl, tetrahydro-6,7-dimethoxyisoquinolin-2-yl, 3,5-dimethyl-pyrazol-1-yl, pyrazol-1-yl, morpholin-4-yl, 2,6-dimethyl-

morpholin-4-yl, 2,6-dimethyl-piperidin-1-yl, 4-benzyl-piperidin-1-yl, thiomorpholin-4-yl or 1H-1,2,4-triazol-1-yl radical,

~~the salts of these compounds, as well as the N-oxides, enantiomers, E/Z isomers and tautomers of these compounds and their salts~~ or a hydrate, solvate, salt, hydrate of a salt or solvate of a salt of this compound,
or an N-oxide, enantiomer, E/Z isomer or tautomer of this compound, or a salt thereof.

2. (Currently amended) ~~Compounds~~ A compound of formula 1 according to claim 1 in which

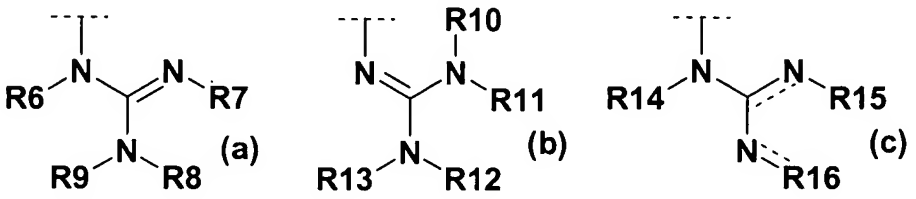
R1 is 1-4C-alkyl,

R2 is 1-4C-alkoxy, 3-6C-cycloalkoxy, 3-6C-cycloalkylmethoxy, or 1-4C-alkoxy which is completely or predominantly substituted by fluorine,

R3 is 1-4C-alkoxy, 3-6C-cycloalkoxy, 3-6C-cycloalkylmethoxy, or 1-4C-alkoxy which is completely or predominantly substituted by fluorine,

R4 is hydrogen, halogen, nitro, 1-4C-alkyl, trifluoromethyl or 1-4C-alkoxy,

R5 is a radical of the formulae (a), (b) or (c)



in which

if R5 is a radical of the formula (a),

either

R6 is hydrogen,

R7 is hydrogen,

R8 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkylmethyl or 1-4C-alkoxy-2-4C-alkyl, and

R9 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkylmethyl or 1-4C-alkoxy-2-4C-alkyl,

with the proviso that at least one of R8 or R9 is 1-4C-alkoxy-2-4C-alkyl,

or

R6 is hydrogen,

R7 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl or 3-7C-cycloalkylmethyl, and

R8 and R9, together and including the nitrogen atom to which both are bonded, are a piperazin-1-yl radical substituted in 4-position by R17, a azocan-1-yl, azonan-1-yl, azecan-1-yl, tetrahydroïsoquinolin-2-yl, tetrahydro-6,7-dimethoxyisoquinolin-2-yl, 3,5-dimethyl-pyrazol-1-yl, pyrazol-1-yl, 2,6-dimethyl-morpholin-4-yl, 2,6-dimethyl-piperidin-1-yl, 4-benzyl-piperidin-1-yl or thiomorpholin-4-yl radical,

or

R6 is hydrogen,

R7 is hydrogen, 1-7C-alkyl, 3-7C-cycloalkyl or 3-7C-cycloalkylmethyl,

R8 is hydrogen, 1-7C-alkyl, 3-7C-cycloalkyl or 3-7C-cycloalkylmethyl, and

R9 is cyano, Aryl1, R26, naphthyl, phenyl, phenyl substituted by R18 and/or R19, phenyl-1-4C-alkyl or phenyl-1-4C-alkyl substituted in the phenyl moiety by R20 and/or R21,

in which

if R5 is a radical of the formula (b),

either

R10 and R11 independently of one another are hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl or 3-7C-cycloalkylmethyl, and

R12 and R13, together and including the nitrogen atom to which both are bonded, are a piperazin-1-yl radical substituted in 4-position by R17, a azocan-1-yl, azonan-1-yl, azecan-1-yl, tetrahydroisoquinolin-2-yl, tetrahydro-6,7-dimethoxyisoquinolin-2-yl, 3,5-dimethyl-pyrazol-1-yl, pyrazol-1-yl, 2,6-dimethyl-morpholin-4-yl, 4-benzyl-piperidin-1-yl or 2,6-dimethyl-piperidin-1-yl radical,

or

R10 and R11, together and including the nitrogen atom to which both are bonded, are a 2,6-dimethyl-morpholin-4-yl, 4-benzyl-piperidin-1-yl or 2,6-dimethyl-piperidin-1-yl radical, and

R12 and R13, together and including the nitrogen atom to which both are bonded, are a pyrrolidin-1-yl, piperidin-1-yl, hexahydroazepin-1-yl, morpholin-4-yl, 4-(1-4C-alkyl-)-piperazin-1-yl, 2,6-dimethyl-morpholin-4-yl, 4-benzyl-piperidinyl or 2,6-dimethyl-piperidin-1-yl radical,

in which

if R5 is a radical of the formula (c),

R14 is hydrogen, and

R15 and R16, together and with inclusion of the N-C(-)-N structure to which they are bonded are Aryl2,

Aryl1 is 4-methylthiazol-2-yl, benzimidazol-2-yl, 5-nitrobenzimidazol-2-yl, 5-chlorobenzimidazol-2-yl, 5-methylbenzimidazol-2-yl, benzothiazol-2-yl or benzoxazol-2-yl,

Aryl2 is 1-methyl-4-oxo-4,5-dihydro-1H-imidazol-2-yl, imidazol-2-yl, 4,5-dicyano-imidazol-2-yl, 4-methyl-imidazol-2-yl, 4-ethyl-benzimidazol-2-yl, 4-acetyl-imidazol-2-yl, 1H-[1,2,4]triazol-3-yl, benzimidazol-2-yl, 1-methyl-benzimidazol-2-yl, 1-ethyl-benzimidazol-2-yl, 5,6-dimethyl-benzimidazol-2-yl, purin-8-yl, 6-amino-7-methyl-7H-purine-8-yl, 1,6-dimethylimidazo[4,5-b]pyridin-2-yl, 1,5,6-trimethylimidazo[4,5-b]pyridin-2-yl, 1,3-dimethyl-3,7-dihydro-1H-purine-2,6-dione-8-yl, 7-ethyl-3-methyl-3,7-dihydro-purine-2,6-dione-8-yl, 1,3,7-trimethyl-3,7-dihydro-purine-2,6-dione-8-yl or 1H-[1,2,4]triazol-3-yl,

R17 is formyl, 3-7C-cycloalkyl, 3-7C-cycloalkylmethyl, 1-4C-alkoxycarbonyl-1-4C-alkyl, 1-4C-alkylcarbonyl, hydroxyethyl, 1-2C-alkoxyethyl, hydroxy-2-4C-alkoxyethyl, 1-2C-alkoxy-2-4C-alkoxyethyl, phenyl, phenyl substituted by R22 and/or R23, [benzo(1,3)dioxol]-5ylmethyl, phenyl-1-4C-alkyl or phenyl-1-4C-alkyl substituted in the phenyl moiety by R24 and/or R25,

R18 is halogen, nitro, 1-4C-alkyl, trifluoromethyl or 1-4C-alkoxy,

R19 is halogen, 1-4C-alkyl or 1-4C-alkoxy,

R20 is halogen, nitro, 1-4C-alkyl, trifluoromethyl or 1-4C-alkoxy,

R21 is halogen, 1-4C-alkyl or 1-4C-alkoxy,

R22 is halogen, nitro, 1-4C-alkyl, 1-4C-alkylcarbonyl, trifluoromethyl or 1-4C-alkoxy,

R23 is halogen, 1-4C-alkyl or 1-4C-alkoxy,

R24 is halogen, nitro, 1-4C-alkyl, trifluoromethyl or 1-4C-alkoxy,

R25 is halogen, 1-4C-alkyl or 1-4C-alkoxy,

R26 is R27(R28)N-2-4C-alkyl wherein

R27 and R28, together and including the nitrogen atom to which both are bonded, are a pyrrolidin-1-yl, piperidin-1-yl, piperazin-1-yl, 4-(1-4C-alkyl-)piperazin-1-yl, azepan-1yl, azocan-1-yl, azonan-1-yl, azecan-1-yl, morpholin-4-yl or thiomorpholin-4-yl radical,

~~the salts of these compounds, as well as the N-oxides, enantiomers, E/Z isomers and tautomers of these compounds and their salts~~ or a hydrate, solvate, salt, hydrate of a salt or solvate of a salt of this compound,
or an N-oxide, enantiomer, E/Z isomer or tautomer of this compound, or a salt thereof.

3. (Currently amended) ~~Compounds~~ A compound of formula 1 according to claim 1 in which

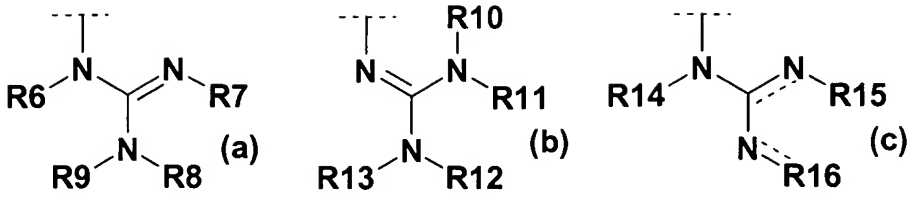
R1 is methyl,

R2 is 1-4C-alkoxy,

R3 is 1-4C-alkoxy,

R4 is hydrogen,

R5 is a radical of the formulae (a), (b) or (c)



in which

if R5 is a radical of the formula (a),

either

R6 is hydrogen,

R7 is hydrogen,

R8 is hydrogen or methoxy-2-4C-alkyl,

R9 is methoxy-2-4C-alkyl,

or

R6 is hydrogen,

R7 is hydrogen, and

R8 and R9, together and including the nitrogen atom to which both are bonded, are a piperazin-1-yl radical substituted in 4-position by R17, a tetrahydroisoquinolin-2-yl, tetrahydro-6,7-dimethoxyisoquinolin-2-yl, 3,5-dimethyl-pyrazol-1-yl, pyrazol-1-yl, azocan-1-yl, azonan-1-yl, azecan-1-yl, 4-benzyl-piperidin-1-yl or thiomorpholin-4-yl radical,

or

R6 is hydrogen,

R7 is hydrogen,

R8 is hydrogen, and

R9 is cyano, Aryl1, morpholin-4-ylethyl, naphthyl, phenyl, phenyl-1-2C-alkyl, 3,4-dimethoxybenzyl or 3,4-dimethoxyphenylethyl,

in which

if R5 is a radical of the formula (b),

R10 is hydrogen,

R11 is hydrogen, and

R12 and R13, together and including the nitrogen atom to which both are bonded, are a piperazin-1-yl radical substituted in 4-position by R17, a tetrahydroisoquinolin-2-yl, tetrahydro-6,7-dimethoxyisoquinolin-2-yl, 4-benzyl-piperidin-1-yl, 3,5-dimethyl-pyrazol-1-yl, pyrazol-1-yl, azocan-1-yl, azonan-1-yl or azecan-1-yl radical,

in which

if R5 is a radical of the formula (c),

R14 is hydrogen, and

R15 and R16, together and with inclusion of the N-C(-)-N structure to which they are bonded are Aryl2,

Aryl1 is 4-methylthiazol-2-yl, benzimidazol-2-yl or benzothiazol-2-yl,

Aryl2 is 1-methyl-4-oxo-4,5-dihydro-1H-imidazol-2-yl, imidazol-2-yl or benzimidazol-2-yl,

R17 is acetyl, (2-hydroxyethoxy)ethyl, cyclohexyl, ethoxycarbonylmethyl, phenyl, [benzo(1,3)dioxol]-5-ylmethyl, 2-methoxyphenyl, 3-trifluoromethylphenyl, 4-acetylphenyl or benzyl,

~~the salts of these compounds, as well as the N-oxides, enantiomers, E/Z isomers and tautomers of these compounds and their salts~~ or a hydrate, solvate, salt, hydrate of a salt or solvate of a salt of this compound,

or an N-oxide, enantiomer, E/Z isomer or tautomer of this compound, or a salt thereof.

4. (Currently amended) ~~Compounds~~ A compound of formula 1 according to claim 1 in which

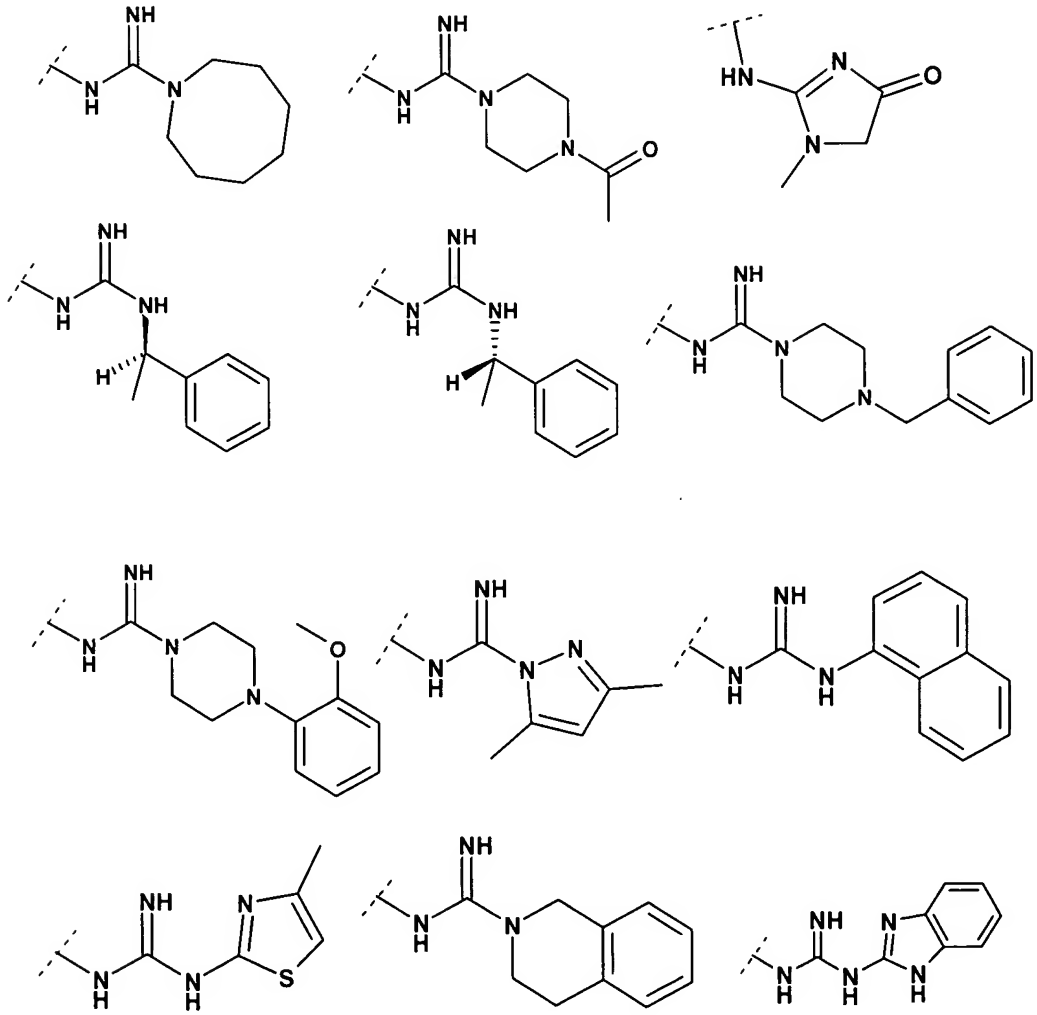
R1 is methyl,

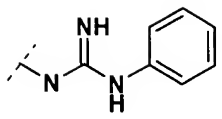
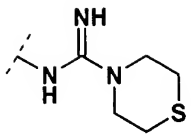
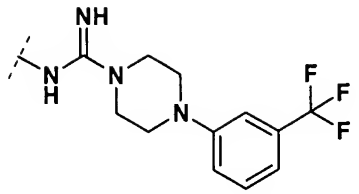
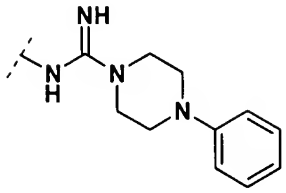
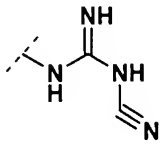
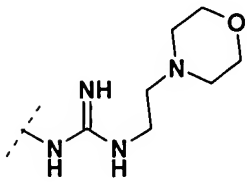
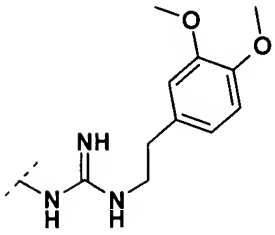
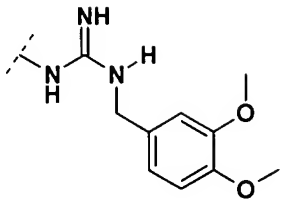
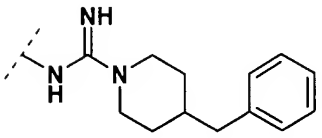
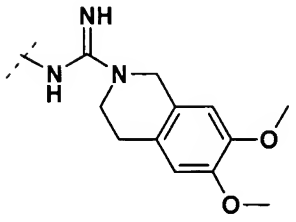
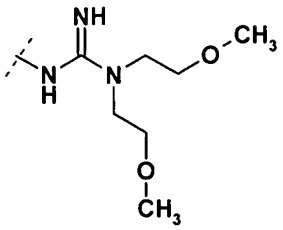
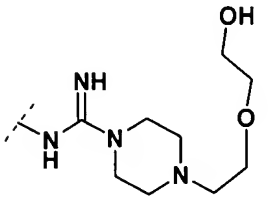
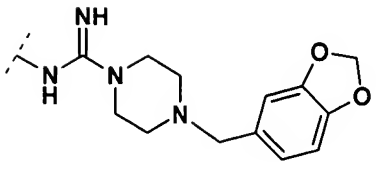
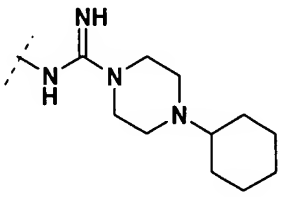
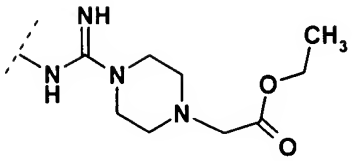
R2 is methoxy or ethoxy,

R3 is methoxy,

R4 is hydrogen,

R5 is a radical selected from the group consisting of



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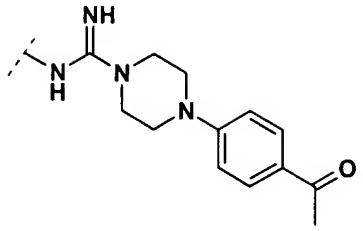


~~the salts of these compounds, as well as the N-oxides, enantiomers, E/Z isomers and tautomers of these compounds and their salts~~ or a hydrate, solvate, salt, hydrate of a salt or solvate of a salt of this compound,
or an N-oxide, enantiomer, E/Z isomer or tautomer of this compound, or a salt thereof.

5. (Currently amended) A compound of formula 1 according to claim 1 selected from the group consisting of
4-((4aR,10bS)-9-Ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-N-(1-methyl-4-oxo-4,5-dihydro-1H-imidazol-2-yl)-benzamide;
N-(1-Amino-1-azocan-1-yl-methylene)-4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-benzamide;
N-[1-(4-Acetyl-piperazin-1-yl)-1-amino-methylene]-4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-benzamide;
N-{1-[4-((4aR,10bS)-9-Ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-phenyl]-methanoyl}-N'-((R)-1-phenyl-ethyl)-guanidine;

N-{1-[4-((4aR,10bS)-9-Ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-phenyl]-methanoyl}-N'-((S)-1-phenyl-ethyl)-guanidine;

N-[1-Amino-1-(4-benzyl-piperazin-1-yl)-methylene]-4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-benzamide;

N-{1-Amino-1-[4-(2-methoxy-phenyl)-piperazin-1-yl]-methylene}-4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-benzamide;

N-[1-(3,5-Dimethyl-pyrazol-1-yl)-1-imino-methyl]-4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-benzamide;

N-{1-[4-((4aR,10bS)-9-Ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-phenyl]-methanoyl}-N'-naphthalen-1-yl-guanidine;

N-{1-[4-((4aR,10bS)-9-Ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-phenyl]-methanoyl}-N'-(4-methyl-thiazol-2-yl)-guanidine;

N-[1-(tetrahydroisoquinolin-2-yl)-1-imino-methyl]-4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-benzamide;

N-(1H-benzoimidazol-2-yl)-N'-{1-[4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-phenyl]-methanoyl}-guanidine;

N-{1-[4-((4aR,10bS)-9-Ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-phenyl]-methanoyl}-N'-phenyl-guanidine;

N-(1-Amino-1-thiomorpholin-4-yl-methylene)-4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-benzamide;

N-{1-Amino-1-[4-(3-trifluoromethyl-phenyl)-piperazin-1-yl]-methylene}-4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-benzamide;

N-[1-Amino-1-(4-phenyl-piperazin-1-yl)-methylene]-4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-benzamide;

N-{1-[4-((4aR,10bS)-9-Ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-phenyl]-methanoyl}-N'-cyano-guanidine;

N-{1-[4-((4aR,10bS)-9-Ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-phenyl]-methanoyl}-N'-(2-morpholin-4-yl-ethyl)-guanidine;

N-[2-(3,4-Dimethoxy-phenyl)-ethyl]-N'-{1-[4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-phenyl]-methanoyl}-guanidine;

N-(3,4-Dimethoxy-benzyl)-N'-{1-[4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-phenyl]-methanoyl}-guanidine;

N-[1-Amino-1-(4-benzyl-piperidin-1-yl)-methylene]-4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-benzamide;

N-[1-Amino-1-(6,7-dimethoxy-3,4-dihydro-1H-isoquinolin-2-yl)-methylene]-4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-benzamide;

N'-{1-[4-((4aR,10bS)-9-Ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-phenyl]-methanoyl}-N,N-bis-(2-methoxy-ethyl)-guanidine;

N-(1-Amino-1-{4-[2-(2-hydroxy-ethoxy)-ethyl]-piperazin-1-yl}-methylene)-4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-benzamide;

N-[1-Amino-1-(4-benzo[1,3]dioxol-5-ylmethyl-piperazin-1-yl)-methylene]-4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-benzamide;

N-[1-Amino-1-(4-cyclohexyl-piperazin-1-yl)-methylene]-4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-benzamide;

[4-(1-Amino-1-{1-[4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-phenyl]-methanoylimino}-methyl)-piperazin-1-yl]-acetic acid ethyl ester;

N-{1-[4-(4-Acetyl-phenyl)-piperazin-1-yl]-1-amino-methylene}-4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-benzamide;

~~or a salt of this compound, a N-oxide, enantiomer, E/Z isomer or tautomer of this compound or a salt therof~~

or a hydrate, solvate, salt, hydrate of a salt or solvate of a salt of this compound,

or an N-oxide, enantiomer, E/Z isomer or tautomer of this compound, or a salt thereof.

6. (Currently amended) ~~Compounds~~ A compound of formula 1 according to claim 1 in which

R1 is 1-4C-alkyl,

R2 is hydroxyl, 1-4C-alkoxy, 3-7C-cycloalkoxy, 3-7C-cycloalkylmethoxy, or 1-4C-alkoxy which is completely or predominantly substituted by fluorine,

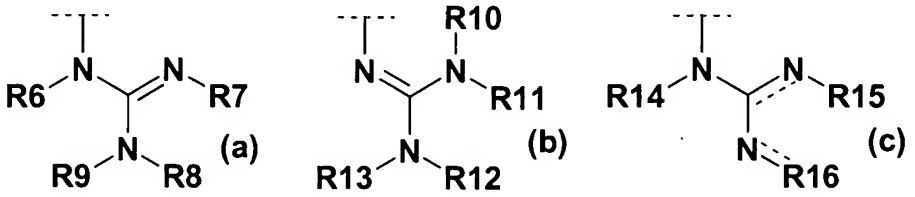
R3 is hydroxyl, 1-4C-alkoxy, 3-7C-cycloalkoxy, 3-7C-cycloalkylmethoxy, or 1-4C-alkoxy which is completely or predominantly substituted by fluorine,

or in which

R2 and R3 together are a 1-2C-alkylenedioxy group,

R4 is hydrogen, halogen, nitro, 1-4C-alkyl, trifluoromethyl or 1-4C-alkoxy,

R5 is a radical of the formulae (a), (b) or (c)



in which

if R5 is a radical of the formula (a),

either

R6 is hydrogen, 1-7C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkylmethyl or hydroxy-2-4C-alkyl,

R7 is hydrogen, 1-7C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkylmethyl or hydroxy-2-4C-alkyl, and

R8 and R9, together and including the nitrogen atom to which both are bonded, are a piperazin-1-yl radical substituted in 4-position by R17, a azocan-1-yl, azonan-1-yl, azecan-1-yl, tetrahydroisoquinolin-2-yl,

3,5-dimethyl-pyrazol-1-yl, pyrazol-1-yl, 2,6-dimethyl-morpholin-4-yl, 2,6-dimethyl-piperidin-1-yl, thiomorpholin-4-yl or 1H-1,2,4-triazol-1-yl radical,

or

R6 is hydrogen, 1-7C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkylmethyl or hydroxy-2-4C-alkyl,

R7 is hydrogen, 1-7C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkylmethyl or hydroxy-2-4C-alkyl,

R8 is hydrogen, 1-7C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkylmethyl or hydroxy-2-4C-alkyl, and

R9 is Aryl1, naphthyl, phenyl, phenyl substituted by R18 and/or R19, phenyl-1-4C-alkyl or phenyl-1-4C-alkyl substituted in the phenyl moiety by R20 and/or R21,

in which

if R5 is a radical of the formula (b),

either

R10 and R11 independently of one another are hydrogen, 1-7C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkylmethyl or hydroxy-2-4C-alkyl, and

R12 and R13, together and including the nitrogen atom to which both are bonded, are a piperazin-1-yl radical substituted in 4-position by R17, a azocan-1-yl, azonan-1-yl, azecan-1-yl, tetrahydroisoquinolin-2-yl, 3,5-dimethyl-pyrazol-1-yl, pyrazol-1-yl, 2,6-dimethyl-morpholin-4-yl, 2,6-dimethyl-piperidin-1-yl, thiomorpholin-4-yl or 1H-1,2,4-triazol-1-yl radical,

or

R10 and R11, together and including the nitrogen atom to which both are bonded, are a 2,6-dimethyl-morpholin-

4-yl, 2,6-dimethyl-piperidin-1-yl or thiomorpholin-4-yl radical, and

R12 and R13, together and including the nitrogen atom to which both are bonded, are a pyrrolidin-1-yl, piperidin-1-yl, hexahydroazepin-1-yl, morpholin-4-yl, 4-(1-4C-alkyl-)-piperazin-1-yl, 2,6-dimethyl-morpholin-4-yl, 2,6-dimethyl-piperidin-1-yl or thiomorpholin-4-yl radical,

in which

if R5 is a radical of the formula (c),

R14 is hydrogen, 1-7C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkylmethyl or hydroxy-2-4C-alkyl, and

R15 and R16, together and with inclusion of the N-C(-)-N structure to which they are bonded are Aryl2,

Aryl1 is 4-methylthiazol-2-yl, benzimidazol-2-yl, 5-nitrobenzimidazol-2-yl, 5-chlorobenzimidazol-2-yl, 5-methylbenzimidazol-2-yl, 4-methylquinazolin-2-yl, benzothiazol-2-yl, benzoxazol-2-yl or pyrimidin-2-yl,

Aryl2 is 1-methyl-4-oxo-4,5-dihydro-1H-imidazol-2-yl, imidazol-2-yl, 4,5-dicyano-imidazol-2-yl, 4-methyl-imidazol-2-yl, 4-ethyl-benzimidazol-2-yl, 4-acetyl-imidazol-2-yl, 1H-[1,2,4]triazol-3-yl, benzimidazol-2-yl, 1-methyl-benzimidazol-2-yl, 1-ethyl-benzimidazol-2-yl, 5,6-dimethyl-benzimidazol-2-yl, purin-8-yl, 6-amino-7-methyl-7H-purine-8-yl, 1,6-dimethylimidazo[4,5-b]pyridin-2-yl, 1,5,6-trimethylimidazo[4,5-b]pyridin-2-yl, 1,3-dimethyl-3,7-dihydro-1H-purine-2,6-dione-8-yl, 7-ethyl-3-methyl-3,7-dihydro-purine-2,6-dione-8-yl, 1,3,7-trimethyl-3,7-dihydro-purine-2,6-dione-8-yl, thiadiazolyl, 1,4-dihydrotetrazol-5-yl, 2H-

[1,2,4]triazol-3-yl, 1,3-dihydrobenzimidazol-5-yl, 1H-tetrazol-5-yl, pyrimidin-2-yl or 4,6-dimethyl-pyrimidin-2-yl,

R17 is formyl, 1-4C-alkylcarbonyl, 2-hydroxyethyl, phenyl, phenyl substituted by R22 and/or R23, phenyl-1-4C-alkyl or phenyl-1-4C-alkyl substituted in the phenyl moiety by R24 and/or R25,

R18 is halogen, nitro, carboxyl, 1-4C-alkyl, trifluoromethyl or 1-4C-alkoxy,

R19 is halogen, 1-4C-alkyl or 1-4C-alkoxy,

R20 is halogen, nitro, carboxyl, 1-4C-alkyl, trifluoromethyl or 1-4C-alkoxy,

R21 halogen, 1-4C-alkyl or 1-4C-alkoxy,

R22 halogen, nitro, carboxyl, 1-4C-alkyl, trifluoromethyl or 1-4C-alkoxy,

R23 halogen, 1-4C-alkyl or 1-4C-alkoxy,

R24 halogen, nitro, carboxyl, 1-4C-alkyl, trifluoromethyl or 1-4C-alkoxy,

R25 halogen, 1-4C-alkyl or 1-4C-alkoxy,

~~the salts of these compounds, as well as the N-oxides, enantiomers, E/Z isomers and tautomers of these compounds and their salts~~ or a hydrate, solvate, salt, hydrate of a salt or solvate of a salt of this compound,
or an N-oxide, enantiomer, E/Z isomer or tautomer of this compound, or a salt thereof.

7. (Currently amended) ~~Compounds~~ A compound of formula 1 according to claim 1, in which

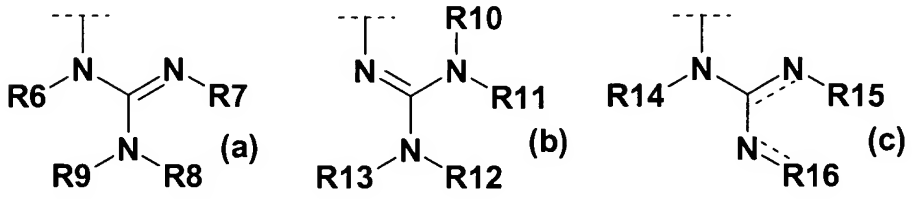
R1 is 1-4C-alkyl,

R2 is 1-4C-alkoxy, 3-6C-cycloalkoxy, 3-6C-cycloalkylmethoxy, or 1-4C-alkoxy which is completely or predominantly substituted by fluorine,

R3 is 1-4C-alkoxy, 3-6C-cycloalkoxy, 3-6C-cycloalkylmethoxy, or 1-4C-alkoxy which is completely or predominantly substituted by fluorine,

R4 is hydrogen, halogen, nitro, 1-4C-alkyl, trifluoromethyl or 1-4C-alkoxy,

R5 is a radical of the formulae (a), (b) or (c)



in which

if R5 is a radical of the formula (a),

either

R6 is hydrogen,

R7 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl or 3-7C-cycloalkylmethyl, and

R8 and R9, together and including the nitrogen atom to which both are bonded, are a piperazin-1-yl radical substituted in 4-position by R17, a azocan-1-yl, azonan-1-yl, azecan-1-yl, tetrahydroisoquinolin-2-yl, 3,5-dimethyl-pyrazol-1-yl, pyrazol-1-yl, 2,6-dimethyl-morpholin-4-yl or 2,6-dimethyl-piperidin-1-yl radical,

or

R6 is hydrogen,

R7 is hydrogen, 1-7C-alkyl, 3-7C-cycloalkyl or 3-7C-cycloalkylmethyl,

R8 is hydrogen, 1-7C-alkyl, 3-7C-cycloalkyl or 3-7C-cycloalkylmethyl, and

R9 is Aryl1, naphthyl, phenyl, phenyl substituted by R18 and/or R19, phenyl-1-4C-alkyl or phenyl-1-4C-alkyl substituted in the phenyl moiety by R20 and/or R21,

in which

if R5 is a radical of the formula (b),

either

R10 and R11 independently of one another are hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl or 3-7C-cycloalkylmethyl, and

R12 and R13, together and including the nitrogen atom to which both are bonded, are a piperazin-1-yl radical substituted in 4-position by R17, a azocan-1-yl, azonan-1-yl, azecan-1-yl, tetrahydroisoquinolin-2-yl, 3,5-dimethyl-pyrazol-1-yl, pyrazol-1-yl, 2,6-dimethyl-morpholin-4-yl or 2,6-dimethyl-piperidin-1-yl radical,

or

R10 and R11, together and including the nitrogen atom to which both are bonded, are a 2,6-dimethyl-morpholin-4-yl or 2,6-dimethyl-piperidin-1-yl radical, and

R12 and R13, together and including the nitrogen atom to which both are bonded, are a pyrrolidin-1-yl, piperidin-1-yl, hexahydroazepin-1-yl, morpholin-4-yl, 4-(1-4C-alkyl-)-piperazin-1-yl, 2,6-dimethyl-morpholin-4-yl or 2,6-dimethyl-piperidin-1-yl radical,

in which

if R5 is a radical of the formula (c),

R14 is hydrogen, and

R15 and R16, together and with inclusion of the N-C(-)-N structure to which they are bonded are Aryl2,

Aryl1 is 4-methylthiazol-2-yl, benzimidazol-2-yl, 5-nitrobenzimidazol-2-yl, 5-chlorobenzimidazol-2-yl, 5-methylbenzimidazol-2-yl, benzothiazol-2-yl or benzoxazol-2-yl,

Aryl2 is 1-methyl-4-oxo-4,5-dihydro-1H-imidazol-2-yl, imidazol-2-yl, 4,5-dicyano-imidazol-2-yl, 4-methyl-imidazol-2-yl, 4-ethyl-benzimidazol-2-yl, 4-acetyl-imidazol-2-yl, 1H-[1,2,4]triazol-3-yl, benzimidazol-2-yl, 1-methyl-benzimidazol-2-yl, 1-ethyl-benzimidazol-2-yl, 5,6-dimethyl-benzimidazol-2-yl, purin-8-yl, 6-amino-7-methyl-7H-purine-8-yl, 1,6-dimethylimidazo[4,5-b]pyridin-2-yl, 1,5,6-trimethylimidazo[4,5-b]pyridin-2-yl, 1,3-dimethyl-3,7-dihydro-1H-purine-2,6-dione-8-yl, 7-ethyl-3-methyl-3,7-dihydro-purine-2,6-dione-8-yl, 1,3,7-trimethyl-3,7-dihydro-purine-2,6-dione-8-yl or 1H-[1,2,4]triazol-3-yl,

R17 is formyl, 1-4C-alkylcarbonyl, 2-hydroxyethyl, phenyl, phenyl substituted by R22 and/or R23, phenyl-1-4C-alkyl or phenyl-1-4C-alkyl substituted in the phenyl moiety by R24 and/or R25,

R18 is halogen, nitro, 1-4C-alkyl or 1-4C-alkoxy,

R19 is halogen, 1-4C-alkyl or 1-4C-alkoxy,

R20 is halogen, nitro, 1-4C-alkyl or 1-4C-alkoxy,

R21 is halogen, 1-4C-alkyl or 1-4C-alkoxy,

R22 is halogen, nitro, 1-4C-alkyl or 1-4C-alkoxy,

R23 is halogen, 1-4C-alkyl or 1-4C-alkoxy,

R24 is halogen, nitro, 1-4C-alkyl or 1-4C-alkoxy,

R25 is halogen, 1-4C-alkyl or 1-4C-alkoxy,

~~the salts of these compounds, as well as the enantiomers, E/Z isomers and tautomers of these compounds and their salts~~ or a hydrate, solvate, salt, hydrate of a salt or solvate of a salt of this compound,
or an enantiomer, E/Z isomer or tautomer of this compound, or a salt thereof.

8. (Currently amended) ~~Compounds~~ A compound of formula 1 according to claim 1, in which

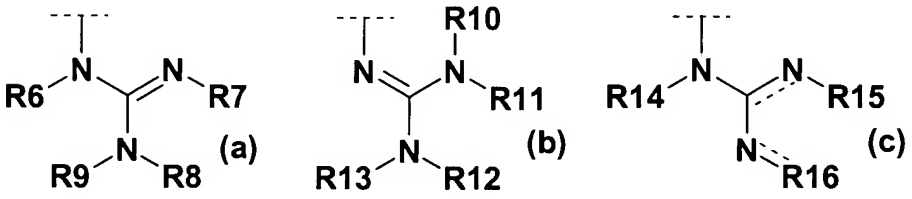
R1 is methyl,

R2 is 1-4C-alkoxy,

R3 is 1-4C-alkoxy,

R4 is hydrogen,

R5 is a radical of the formulae (a), (b) or (c)



in which

if R5 is a radical of the formula (a),

either

R6 is hydrogen,

R7 is hydrogen, and

R8 and R9, together and including the nitrogen atom to which both are bonded, are a piperazin-1-yl radical substituted in 4-position by R17, a tetrahydroisoquinolin-2-yl, 3,5-dimethyl-pyrazol-1-yl,

pyrazol-1-yl, azocan-1-yl, azonan-1-yl or azecan-1-yl radical,

or

R6 is hydrogen,

R7 is hydrogen, and

R8 is hydrogen or 1-4C-alkyl, and

R9 is Aryl1, naphthyl or phenyl-1-2C-alkyl,

in which

if R5 is a radical of the formula (b),

R10 is hydrogen or 1-4C-alkyl,

R11 is hydrogen or 1-4C-alkyl, and

R12 and R13, together and including the nitrogen atom to which both are bonded, are a piperazin-1-yl radical substituted in 4-position by R17, a tetrahydroisoquinolin-2-yl, 3,5-dimethyl-pyrazol-1-yl, pyrazol-1-yl, azocan-1-yl, azonan-1-yl or azecan-1-yl radical,

in which

if R5 is a radical of the formula (c),

R14 is hydrogen, and

R15 and R16, together and with inclusion of the N-C(-)-N structure to which they are bonded are Aryl2,

Aryl1 is 4-methylthiazol-2-yl or benzothiazol-2-yl,

Aryl2 is 1-methyl-4-oxo-4,5-dihydro-1H-imidazol-2-yl, imidazol-2-yl, 4-methyl-imidazol-2-yl, 4-ethyl-benzimidazol-2-yl, 4-acetyl-imidazol-2-yl, benzimidazol-2-yl, 1-methyl-benzimidazol-2-yl, 1-ethyl-benzimidazol-2-yl or 5,6-dimethyl-benzimidazol-2-yl,

R17 is acetyl, 2-methoxyphenyl or benzyl,

~~the salts of these compounds, as well as the N-oxides, enantiomers, E/Z isomers and tautomers of these compounds and their salts~~ or a hydrate, solvate, salt, hydrate of a salt or solvate of a salt of this compound,
or an N-oxide, enantiomer, E/Z isomer or tautomer of this compound, or a salt thereof.

9. (Currently amended) ~~Compounds~~ A compound of formula 1 according to claim 1, in which

R1 is methyl,

R2 is methoxy or ethoxy,

R3 is methoxy,

R4 is hydrogen,

R5 is N-(1-methyl-4-oxo-4,5-dihydro-1H-imidazol-2-yl)-amino, N-(1-amino-1-azocan-1-yl-methylene)-amino, N-[1-(4-acetylpiperazine-1-yl)-1-amino-methylene]-amino, N-(N'-(R)-1-phenylethyl)guanidinyl, N-(N'-(S)-1-phenylethyl)guanidinyl, N-[1-amino-1-(4-benzylpiperazine-1-yl)-methylene]-amino, N-[1-amino-1-(2-methoxy-phenyl-piperazin-1-yl)-methylene]-amino, N-[1-(3,5-dimethyl-pyrazol-1-yl)-1-imino-methyl]-amino, N-(N'-naphthalene-1-yl)guanidinyl, N-(N'-4-methylthiazol-2-yl)guanidinyl or N-[1-(tetrahydroisoquinoline-2-yl)-1-imino-methyl]-amino,

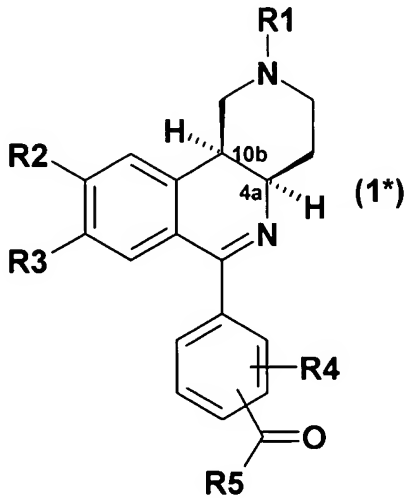
~~the salts of these compounds, as well as the enantiomers, E/Z isomers and tautomers of these compounds and their salts~~ or a hydrate, solvate, salt, hydrate of a salt or solvate of a salt of this compound,
or an enantiomer, E/Z isomer or tautomer of this compound, or a salt thereof.

10. (Currently amended) ~~Compounds~~ A compound of formula 1 according to claim 1, in which the hydrogen atoms in positions 4a and 10b are in the cis position relative to one another,

~~the salts of these compounds, as well as the N-oxides, enantiomers, E/Z isomers and tautomers of these compounds and their salts~~ or a hydrate, solvate, salt, hydrate of a salt or solvate of a salt of this compound,

or an N-oxide, enantiomer, E/Z isomer or tautomer of this compound, or a salt thereof.

11. (Currently amended) ~~Compounds~~ A compound of formula 1 according to claim 1 which [[have]] has with respect to the positions 4a and 10b the configuration shown in formula (1*):



~~the salts of these compounds, as well as the N-oxides, enantiomers, E/Z isomers and tautomers of these compounds and their salts~~ or a hydrate, solvate, salt, hydrate of a salt or solvate of a salt of this compound,
or an N-oxide, enantiomer, E/Z isomer or tautomer of this compound, or a salt thereof.

12. (Canceled)

13. (Currently amended) A pharmaceutical composition comprising one or more compounds of formula 1 according to claim 1, or a pharmaceutically acceptable hydrate, solvate, salt, hydrate of a salt or solvate of a salt of this compound,
or a pharmaceutically acceptable N-oxide, enantiomer, E/Z isomer or tautomer of this compound, or a salt thereof together with a ~~customary~~ pharmaceutical ~~auxiliaries and/or excipients~~ auxiliary and/or excipient.

14. (Canceled)

15. (Currently amended) A method for treating an illness treatable by the administration of a PDE4 inhibitor in a patient comprising administering to said patient in need thereof a therapeutically effective amount of a compound of formula 1 according to claim 1, or a pharmaceutically

acceptable hydrate, solvate, salt, hydrate of a salt or solvate of a salt of this compound,
or a pharmaceutically acceptable N-oxide, enantiomer, E/Z isomer or tautomer of this compound, or a salt thereof.

16. (Currently amended) A method for treating an airway disorder ~~disorders and/or dermatoses~~ in a patient comprising administering to said patient a therapeutically effective amount of a compound of formula 1 according to claim 1, or a pharmaceutically acceptable hydrate, solvate, salt, hydrate of a salt or solvate of a salt of this compound,
or a pharmaceutically acceptable N-oxide, enantiomer, E/Z isomer or tautomer of this compound, or a salt thereof.

17. (New) A method for treating dermatoses in a patient comprising administering to said patient a therapeutically effective amount of a compound of formula 1 according to claim 1, or a pharmaceutically acceptable hydrate, solvate, salt, hydrate of a salt or solvate of a salt of this compound,
or a pharmaceutically acceptable N-oxide, enantiomer, E/Z isomer or tautomer of this compound, or a salt thereof.